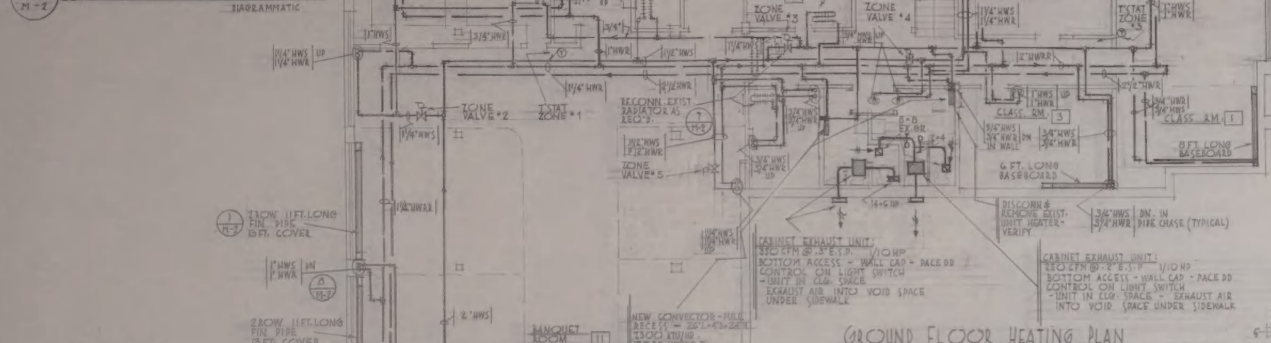
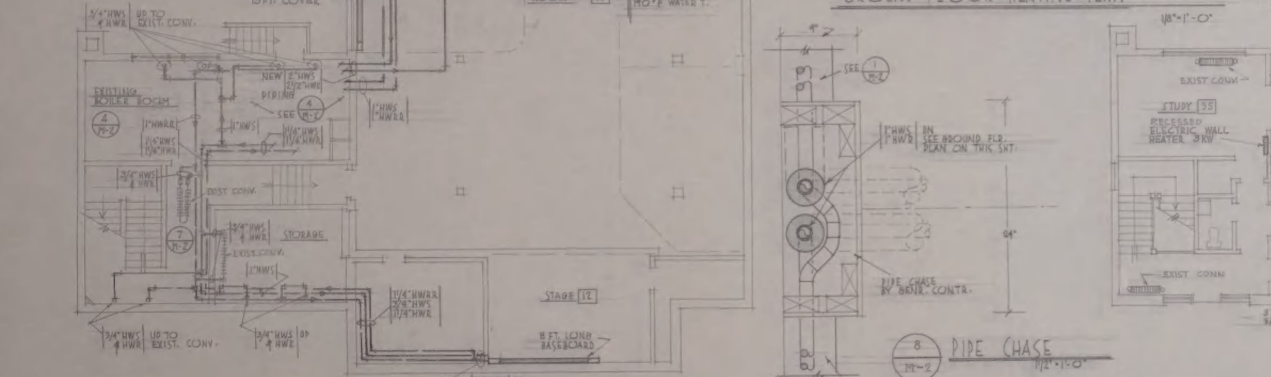


DISCONN. & REMOVE  
EXIST. STEAM PIPING  
AS REQ'D. - VERIFY

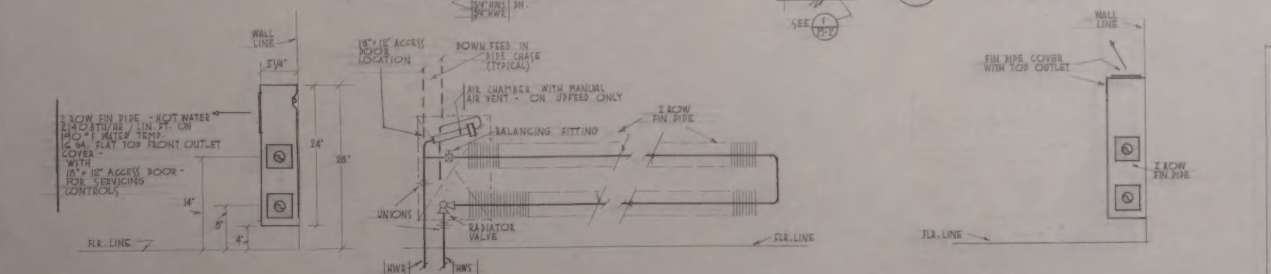
8 UNIT HEATER PIPING DIAGRAM  
DIAGRAMMATIC



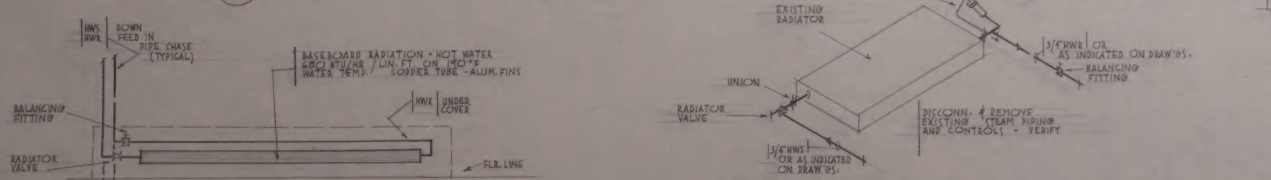
GROUND FLOOR HEATING PLAN



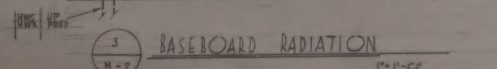
8 PIPE CHASE  
1'-0" x 1'-0"



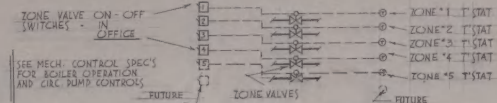
1 FIN PIPE RADIATION  
1'-0" x 1'-0"



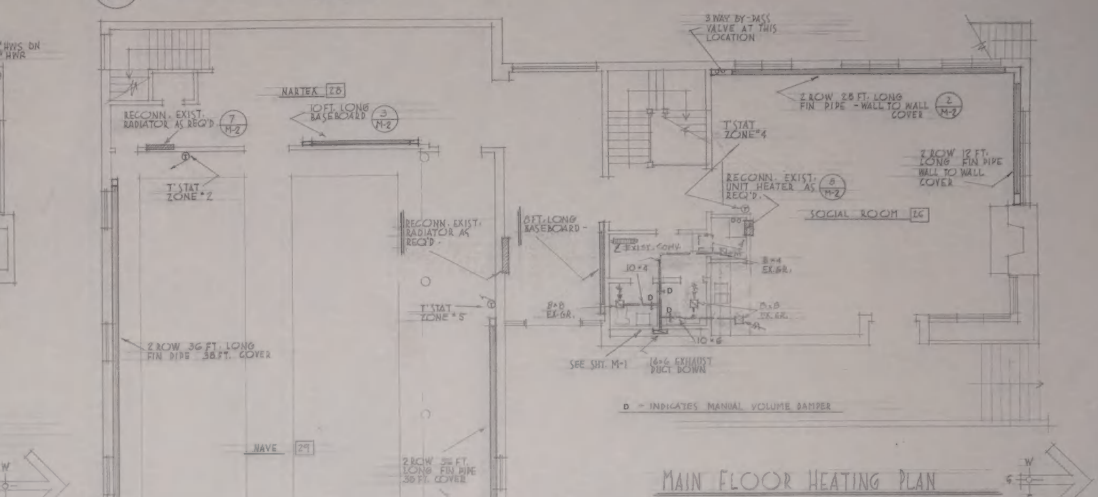
7 RADIATOR PIPING DIAGRAM  
DIAGRAMMATIC



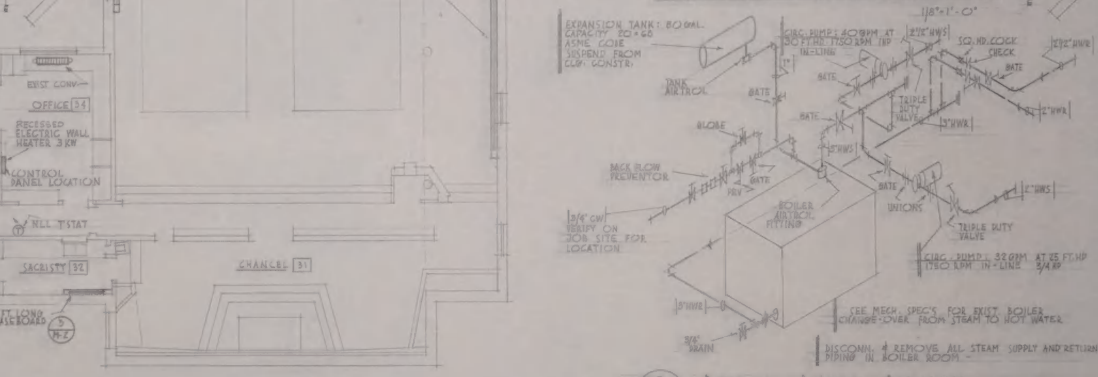
3 BASEBOARD RADIATION  
1'-0" x 1'-0"



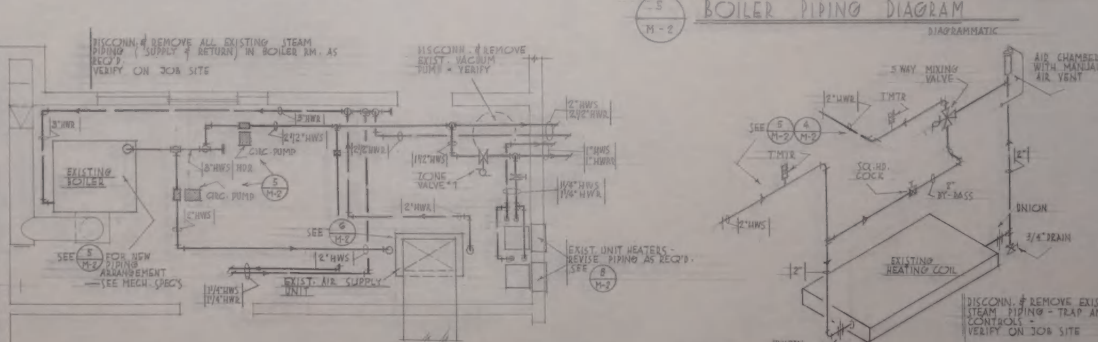
9 ZONE CONTROL DIAGRAM  
DIAGRAMMATIC



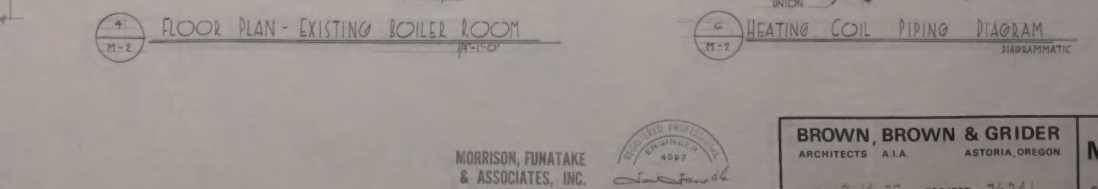
MAIN FLOOR HEATING PLAN



5 BOILER PIPING DIAGRAM  
DIAGRAMMATIC



4 FLOOR PLAN - EXISTING BOILER ROOM  
1'-0" x 1'-0"



6 HEATING COIL PIPING DIAGRAM  
DIAGRAMMATIC

MORRISON, FUNATAKE  
& ASSOCIATES, INC.  
CONSULTING ENGINEERS  
2007 S. E. ASH  
PORTLAND, OREGON 97214



BROWN, BROWN & GRIDER  
ARCHITECTS AIA ASTORIA, OREGON

DATE 3-14-17 PROJECT 76241 SHEET

RENOVATIONS  
PEACE LUTHERAN CHURCH  
ASTORIA, OREGON

M-2